

RAW SEQUENCE LISTING

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Application Serial Number: 101811192A
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RAW SEQUENCE LISTING DATE: 11/27/2006
 PATENT APPLICATION: US/10/811,192A TIME: 14:43:11

Input Set : A:\SEQ LISTING.txt
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3 <110> APPLICANT: Communi, Didier
 4 Boeynaems, Jean-Marie
 5 Piroton, Sabine
 6 Parmentier, Marc
 8 <120> TITLE OF INVENTION: P2Y4 RECEPTOR TRANSGENIC AND KNOCKOUT NON-HUMAN MAMMALS
 10 <130> FILE REFERENCE: 9409/2113C
 12 <140> CURRENT APPLICATION NUMBER: 10/811,192A
 13 <141> CURRENT FILING DATE: 2004-03-26
 15 <150> PRIOR APPLICATION NUMBER: 10/753,695
 16 <151> PRIOR FILING DATE: 2004-01-08
 18 <150> PRIOR APPLICATION NUMBER: 09/077,173
 19 <151> PRIOR FILING DATE: 1998-11-12
 21 <150> PRIOR APPLICATION NUMBER: PCT/BE96/00123
 22 <151> PRIOR FILING DATE: 1996-11-21
 24 <150> PRIOR APPLICATION NUMBER: EP 95870124.5
 25 <151> PRIOR FILING DATE: 1995-11-21
 27 <160> NUMBER OF SEQ ID NOS: 4
 29 <170> SOFTWARE: PatentIn version 3.1
 31 <210> SEQ ID NO: 1
 32 <211> LENGTH: 1429
 33 <212> TYPE: DNA
 34 <213> ORGANISM: Homo sapiens
 36 <400> SEQUENCE: 1
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 41 ggggggtggc agggaaatcc tgccaccctc acttctccccc ttcccatctc cagggggggcc 180
 43 atggccagta cagagtccctc cctgttgaga tccctaggcc tcagcccaagg tcctggcagc 240
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 55 tgcagtgtcc tttccctcac ctgcattcagc gtgcaccgct acctggcat ctgccacccca 600
 57 ctccgggcaac tacgctgggg cccgcctcgc ctgcaggcc ttctctgcct ggcagttgg 660
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 61 accaccgtcc tgtgcacatga caccactcgg cctgaagagt ttgaccacta tgtgcacttc 780
 63 agctcggcgg tcatggggct gctctttggc gtgcctgcct tggtaactct tggctat 840
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 73 ctggatctgt tgctctactt gtcactgg gacaatatac gacgtcactt ccgtcagctc 1140
 75 tgtgggtgt gcaagccca gccccgcacg gtcgcctt ccctggact agtgtccctg 1200

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77 cctgaggata gcagctgcag gtgggcggcc accccccagg acagtagctg ctctactcct 1260
79 agggcagata gattgtaca cgggaagccg gcaagtgaga gaaaagggga tgagtgcagg 1320
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87 <211> LENGTH: 365
88 <212> TYPE: PRT
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97 Gly Pro Gly Ser Ser Glu Val Glu Leu Asp Cys Trp Phe Asp Glu Asp
98 20 25 30
101 Phe Lys Phe Ile Leu Leu Pro Val Ser Tyr Ala Val Val Phe Val Leu
102 35 40 45
105 Gly Leu Gly Leu Asn Ala Pro Thr Leu Trp Leu Phe Ile Phe Arg Leu
106 50 55 60
109 Arg Pro Trp Asp Ala Thr Ala Thr Tyr Met Phe His Leu Ala Leu Ser
110 65 70 75 80
113 Asp Thr Leu Tyr Val Leu Ser Leu Pro Thr Leu Ile Tyr Tyr Tyr Ala
114 85 90 95
117 Ala His Asn His Trp Pro Phe Gly Thr Glu Ile Cys Lys Phe Val Arg
118 100 105 110
121 Phe Leu Phe Tyr Trp Asn Leu Tyr Cys Ser Val Leu Phe Leu Thr Cys
122 115 120 125
125 Ile Ser Val His Arg Tyr Leu Gly Ile Cys His Pro Leu Arg Ala Leu
126 130 135 140
129 Arg Trp Gly Arg Pro Arg Leu Ala Gly Leu Leu Cys Leu Ala Val Trp
130 145 150 155 160
133 Leu Val Val Ala Gly Cys Leu Val Pro Asn Leu Phe Phe Val Thr Thr
134 165 170 175
137 Ser Asn Lys Gly Thr Thr Val Leu Cys His Asp Thr Thr Arg Pro Glu
138 180 185 190
141 Glu Phe Asp His Tyr Val His Phe Ser Ser Ala Val Met Gly Leu Leu
142 195 200 205
145 Phe Gly Val Pro Cys Leu Val Thr Leu Val Cys Tyr Gly Leu Met Ala
146 210 215 220
149 Arg Arg Leu Tyr Gln Pro Leu Pro Gly Ser Ala Gln Ser Ser Ser Arg
150 225 230 235 240
153 Leu Arg Ser Leu Arg Thr Ile Ala Val Val Leu Thr Val Phe Ala Val
154 245 250 255
157 Cys Phe Val Pro Phe His Ile Thr Arg Thr Ile Tyr Tyr Leu Ala Arg
158 260 265 270
161 Leu Leu Glu Ala Asp Cys Arg Val Leu Asn Ile Val Asn Val Val Tyr
162 275 280 285
165 Lys Val Thr Arg Pro Leu Ala Ser Ala Asn Ser Cys Leu Asp Pro Val
166 290 295 300
169 Leu Tyr Leu Leu Thr Gly Asp Lys Tyr Arg Arg Gln Leu Arg Gln Leu
170 305 310 315 320

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173 Cys Gly Gly Lys Pro Gln Pro Arg Thr Ala Ala Ser Ser Leu Ala
174 325 330 335
177 Leu Val Ser Leu Pro Glu Asp Ser Ser Cys Arg Trp Ala Ala Thr Pro
178 340 345 350
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186 <211> LENGTH: 35
187 <212> TYPE: DNA
188 <213> ORGANISM: artificial sequence
190 <220> FEATURE:
191 <223> OTHER INFORMATION: Primer for the second transmembrane region of human
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192 ceptor
194 <400> SEQUENCE: 3
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201 <213> ORGANISM: artificial sequence
203 <220> FEATURE:
204 <223> OTHER INFORMATION: primer for seventh transmembrane region of human pyrimidine
recep
205 tor
207 <400> SEQUENCE: 4
208 tcttaagctt ggagtcacgt acgagcaagc tagtt 35

VERIFICATION SUMMARY

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